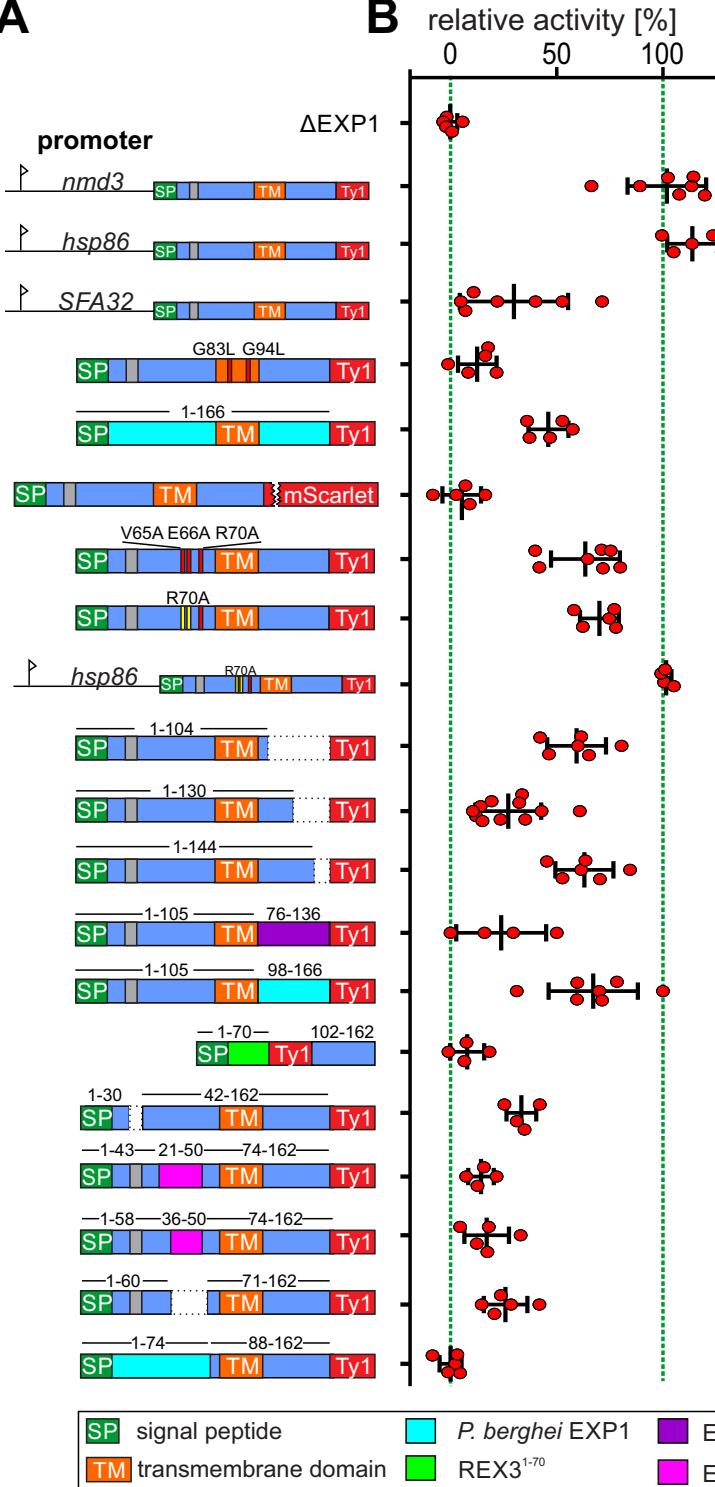
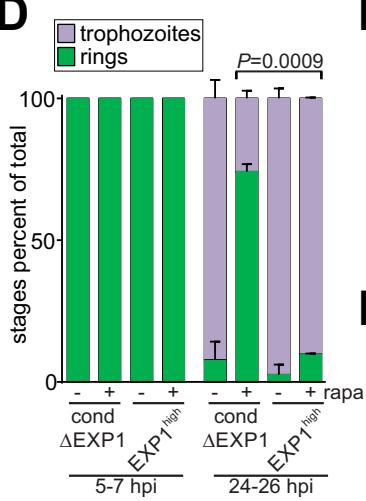


**A****D****E**

EXP1 (PF3D7\_1121600)  
ETRAMP10.3 (PF3D7\_1016900)  
ETRAMP8 (PF3D7\_0829600)  
ETRAMP4 (PF3D7\_0423700)  
ETRAMP12 (PF3D7\_1240100)  
ETRAMP2 (PF3D7\_0202500)  
ETRAMP11.1 (PF3D7\_1102700)  
ETRAMP14.1 (PF3D7\_1401400)  
ETRAMP10.1 (PF3D7\_1001500)

ELVEVNKRKS<sub>1</sub>KYKLATSVIAGLLGVVVSTVLLGGVGVLVLYNTEKGRH 107  
DRTLEKLLRKQIIIISTAAVALAITIGGLFGSLGYKSWKNKNKSK 85  
LKLEKYDKKKKFALISGAIAIGALALITLIGGIYMTKGRKSSIWHN 86  
DEMOKKKQQQKIIMIISTVVTLGLALLISGALGFGLSLSKSNKKPEVS 86  
NFQEFRKKHHKAILISSLSSVVAIALLFGTAYGIGLHLNNKTFIKSI 87  
TPAERKKRNQNIMIYSSVIAAVALLIGGAVGLGIHLHKNNKGDNK 81  
TPAETIKKRNRQKLMYSSVIAASGAVAVLLIGSASIGLGVHFSSKKKSPKKK 80  
TDIEKKKRNKNIVLYSSVLAASALLLVGTGVGLGFYYKNKNDKGEK 85  
KLTDQKKKKNIIIFSSVAVLAALIGAGVGFYIYYKNHKSDNK 82

**F**

*P. berghei* KNKKSLRKANVALATALSVVSALLGGAGLVMYNTEKGRH 104  
*P. yoelii* KNKKSLRKINVALATALSVVSAILLGGAGLVMYNTEKGRH 107  
*P. vivax* KKKSNYKLATTVLA SALGVVSAVLLGGAGLTVFYNAGNGRH 106  
*P. malariae* KKKSAKYKTATTALASTLGLVSALLGGIGLVLVYNERGRH 106  
*P. falciparum* KRKS<sub>1</sub>KYKLATSVIAGLLGVVVSTVLLGGVGVLVLYNTEKGRH 108

